JC03 Rec'd PCT/PTO 25 APR 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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	ANSMITTAL LETTER TO TH	09086-00221-US							
	DESIGNATED/ELECTED OFF	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)							
	ICERNING A SUBMISSION U	10/532511							
	TIONAL APPLICATION NO. INTER	RNATIONAL FILING DATE 22 October 2003	PRIORITY DATE CLAIMED 25 October 2002						
		E SYNTHESIS OF RAC-DIOF							
		JINDEYL)ZIRCONIUM COMPO	OUNDS						
APPLICA	APPLICANT(S) FOR DO/EO/US Hans-Robert-Hellmuth Damrau et al.								
Applicant	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. X	1. x This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3.	3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. x	x The US has been elected (Article 31).								
5. x	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))								
a.	x is attached hereto (required only if	not communicated by the Interna	ational Bureau).						
b.	has been communicated by the Int	emational Bureau.							
c.	is not required, as the application v	vas filed in the United States Red	ceiving Office (RO/US).						
6.	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).								
а.	is attached hereto.								
b.	has been previously submitted und	er 35 U.S.C. 154(d)(4).							
7. 🗌	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))								
а.	are attached hereto (required only if not communicated by the International Bureau).								
b.	have been communicated by the International Bureau.								
c.	have not been made; however, the time limit for making such amendments has NOT expired.								
d.	have not been made and will not be	e made.							
8.	An English language translation of the a	mendments to the claims under l	PCT Article 19 (35 U.S.C. 371 (c)(3)).						
9. x	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).								
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).								
Items 11	to 20 below concern document(s)	or information included:							
11. x	An Information Disclosure Statement u	nder 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording.	A separate cover sheet in complian	nce with 37 CFR 3.28 and 3.31 is included.						
13. x	A preliminary amendment.								
14. x	An Application Data Sheet under 37 CFR 1.76.								
15.	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.								
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20.	Other items or information: Copy of as-filed application								
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.							AT	ATTORNEY'S DOCKET NUMBER			
90/532511 PCT/EP2003/011681							1_	09086-00221-US			
The following fees have been submitted								CALCULATIONS	PTO USE ONLY		
21. X Basic national fee\$300								S	300.00		
22. X Examination fee							Π				
If International preliminary examination report prepared by USPTO and all claims satisfy											
								s	200.00		
							***************************************	Ť			
23. x Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the								1			
USPTO as an International Searching Authority\$100								l			
International Search Report prepared and provided to the Office \$400 All other situations \$500								s	400.00		
		TOTAL OF 21						s	900.00		
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	30.00		the oath	or de	claration later tha	x \$250.00 claration later than 30 months					
from the earliest		d priority date	(37 CFR	1.492	(e)).			\$			
CLAIMS		NUMBER F		LED NUMBER EXTRA RA			ATE	Ĺ			
Total claims			20 =			×		\$ \$	0.00		
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MULTIPLE DEP	ENDE	NI CLAIM(S)	(if applic		TAL OF ABOVE	CALCULA	ATIONS =	\$ \$	900.00		
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Applicant o	ciaims	small entity sta	itus. See	37 0	FR 1.27. Fees abo		•	_	000.00		
	6.0406	00 ((45 - 5	0-1	A		STOTAL =	\$	900.00		
from the earliest					translation later that (f)).	in 30 montr	is +	s			
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accompanied by	an ap	propriate cover	sheet (37	CFR	3.28, 3.31). \$40.00		У				
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ļJ									narged:		
a. A ch	eck in	the amount of	·			to cover th	ne above fees	is e	enclosed.		
b. X Please charge my Deposit Account No. 03-2775 in the amount of \$ 900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.											
	c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2775 . A duplicate copy of this sheet is enclosed.										
I — '		•								lit card	
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.											
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.											
SEND ALL CORRESPONDENCE TO:											
SIGNATURE:								- /-			
								na C. Rychlicki			
						NAM	Ē				
CUSTOMER NUMBER: 23416								AC	170		
REGISTRATION N											

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 09086-00221-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV431074211US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on April 25 2005

Signature

Wendy Ketcham

Typed or printed name of person signing Certificate

(302) 658-9141

Registration Number, if applicable

Telephone Number

Note:

Each paper must have its own certificate of mailing, or this certificate must identify

each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal Application Data Sheet

Copy of the International application with search report attached

Copy of as-filed application

Information Disclosure Statement, SB08, with references

Preliminary Amendment Declaration / POA

Postcard

Charge \$900.00 to deposit account 03-2775

10/532511 JC13 Rec'd PCT/PTO 25 APR 2005

PTO/SB/17 (12-04v2)
Approved for use through 7/31/2006. OMB 0651-0032
Fredemark Office: U.S. DEPARTMENT OF COMMERCE

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	Effective on 12/08.	2004.	L			plete if Know				
Fees pursuant to	the Consolidated Approp		1818).	Application Num	nber	Not Yet Assigned				
FE	E TRANS	MITTAL	Ŀ	Filing Date Concurrent						
	For FY 20	105	_	First Named Inventor Hans-Ro			Robert-Hellmuth Damrau			
	101112	,,,,	— <u>L</u> E	Examiner Name		Not Yet Assigned				
Applicar	nt claims small entity stat	us. See 37 CFR 1.27		Art Unit N/A						
TOTAL AMOU	NT OF PAYMENT	(\$) 900.00		Attorney Docket	No.	09086-00221-\	<u> </u>			
METHOD OF	PAYMENT (check	all that apply)								
Check Credit Card Money Order None Other (please identify):										
x Deposit A	COUNT Deposit Account	Number <u>03-2775</u> Dep	سا osit Accour	nt Name:	Connolly	Bove Lodge	& Hutz LL	.P		
For the	above-identified depo	osit account, the Dire	ctor is h	ereby authorize	d to: (chec	k all that apply)				
	harge fee(s) indicated	· ·			•	icated below, ex	cept for t	he filing fee		
Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17										
FEE CALCU	LATION				-					
1. BASIC FILIN	G, SEARCH, AND E	XAMINATION FEES			,					
	FI	LING FEES	SEAR	CH FEES	EXAMIN	ATION FEES				
Application T	ype Fee (\$	Small Entity) Fee (\$) F	ee_(\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees (Paid (\$)		
Utility	300	150	500	250	200	100				
Design	200	100	100	50	130	65				
Plant	200	100	300	150	160	80				
Reissue	300	150	500	250	600	300				
Provisional	200	100	0	0	0	0				
2. EXCESS CL		100	·	v				Small Entity		
Fee Description							Fee (\$)	Fee (\$)		
	r 20 (including Reiss	ues)					50	25		
Each independe	ent claim over 3 (incl	uding Reissues)				· ·	200	100		
Multiple depen	dent claims					***	360	180		
Total Claims	Extra Claims	Fee (\$)	Fee Pai	id (\$) Multiple Dependent Claims						
18	- 20 =	· =			<u>Fee</u>	<u> </u>	ee Pald (\$	a		
Index Claims	Euton Claima	Fac (6)	Eco Doi	d (6)				-		
Indep. Claims	Extra Claims	Fee (\$)	Fee Pai	u (*)						
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer										
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).										
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)										
Non-English	Specification, \$130) fee (no small entity	/ discour	nt)						
Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00										
1633 National Stage Examination Fee - all other 200.00										
		104∠ National St	age Sea	arch Fee - sea	arcn repor	T	40	0.00		
SUBMITTED BY										
Signature	Kelena C	Millil.		egistration No. ttomey/Agent)	48,179	Telephone	(302) 65	8-9141		
Nama (Brint/Turns)	Holona C Buchlie	oki /				Data U/S	77.			